

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(43) 国际公布日:

2003年2月27日(27.02.2003)

PCT

(10) 国际公布号:

WO 03/016889 A1

(51) 国际分类号⁷: G01N 23/04, B65G 13/00, 15/00

(21) 国际申请号: PCT/CN02/00563

(22) 国际申请日: 2002年8月14日(14.08.2002)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
01124111.X 2001年8月14日(14.08.2001) CN

(71) 申请人(对除美国以外的所有指定国): 清华大学
(TSINGHUA UNIVERSITY) [CN/CN]; 中国北京市
海淀区清华大学, Beijing 100084 (CN)。清华同方威
视技术股份有限公司(NUCTECH COMPANY
LIMITED) [CN/CN]; 中国北京市海淀区双清路同方
大厦A座5层, Beijing 100084 (CN)。

(72) 发明人;及

(75) 发明人/申请人(仅对美国): 康克军(KANG, Kejun)
[CN/CN]; 高文焕(GAO, Wenhuan) [CN/CN]; 李荐民
(LI, Jianmin) [CN/CN]; 陈志强(CHEN, Zhiqiang)
[CN/CN]; 刘以农(LIU, Yinong) [CN/CN]; 李元景(LI,
Yuanjing) [CN/CN]; 唐传祥(TANG, Chuanxiang)
[CN/CN]; 李君利(LI, Junli) [CN/CN]; 张丽(ZHANG,
Li) [CN/CN]; 苏建军(SU, Jianjun) [CN/CN]; 刘蓉翊
(LIU, Rongxuan) [CN/CN]; 中国北京市海淀区双清
路同方大厦A座5层, Beijing 100084 (CN)。

(74) 代理人: 中国国际贸易促进委员会专利商标事务所
(CCPIT PATENT AND TRADEMARK LAW
OFFICE); 中国北京市阜成门外大街2号万通新世
界广场8层, Beijing 100037 (CN)。

(81) 指定国(国家): AE, AG, AL, AM, AT, AU, AZ, BA,
BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

(84) 指定国(地区): ARIPO专利(GH, GM, KE, LS, MW,
MZ, SD, SL, SZ, TZ, UG, ZM, ZW), 欧亚专利(AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧洲专利(AT,
BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, SK, TR),
OAPI专利(BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG)

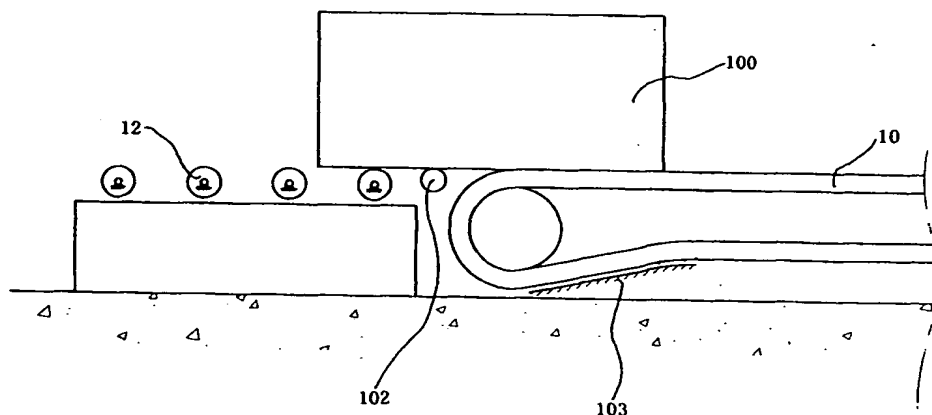
本国际公布:

— 包括国际检索报告。

所引用双字母代码和其它缩写符号, 请参考刊登在每期
PCT公报期刊起始的“代码及缩写符号简要说明”。

(54) Title: INSPECTION SYSTEM FOR AIRFREIGHT CARGO OR VEHICLE

(54) 发明名称: 航空集装货物或车辆的检查系统



(57) Abstract: In an inspection system for airfreight cargo, there are an accelerator (1), a collimator (2) and a vertical detector arm (7) installed on the ground, respectively; the detectors are installed in the horizontal detector arm (8) and the vertical detector arm (7), respectively; the accelerator (1), the collimator (2), the horizontal detector arm (8) and the vertical detector arm (7) are in the same plane; the top of the collimator (2) supports the horizontal detector arm (8), and the vertical detector arm (7) is connected with the horizontal detector arm (8) and is positioned on the opposite of the accelerator (1); the collimator (2), the horizontal detector arm (8) and the vertical detector arm (7) form a stable gantry structure. The conveyor is located under the horizontal detector arm (8) and is perpendicular to the said gantry structure; the collimator (2) is between the conveyor and the accelerator (1); the gantry and the conveyor form the scanning channel, wherein the conveyor consists of roller conveyors (5, 12) and a pallet type conveyor (10). The roller conveyors are located on the two ends of the pallet type conveyor, respectively; there is a powerless roller between the roller conveyor and the pallet type conveyor.

[见续页]